

FIG. 1

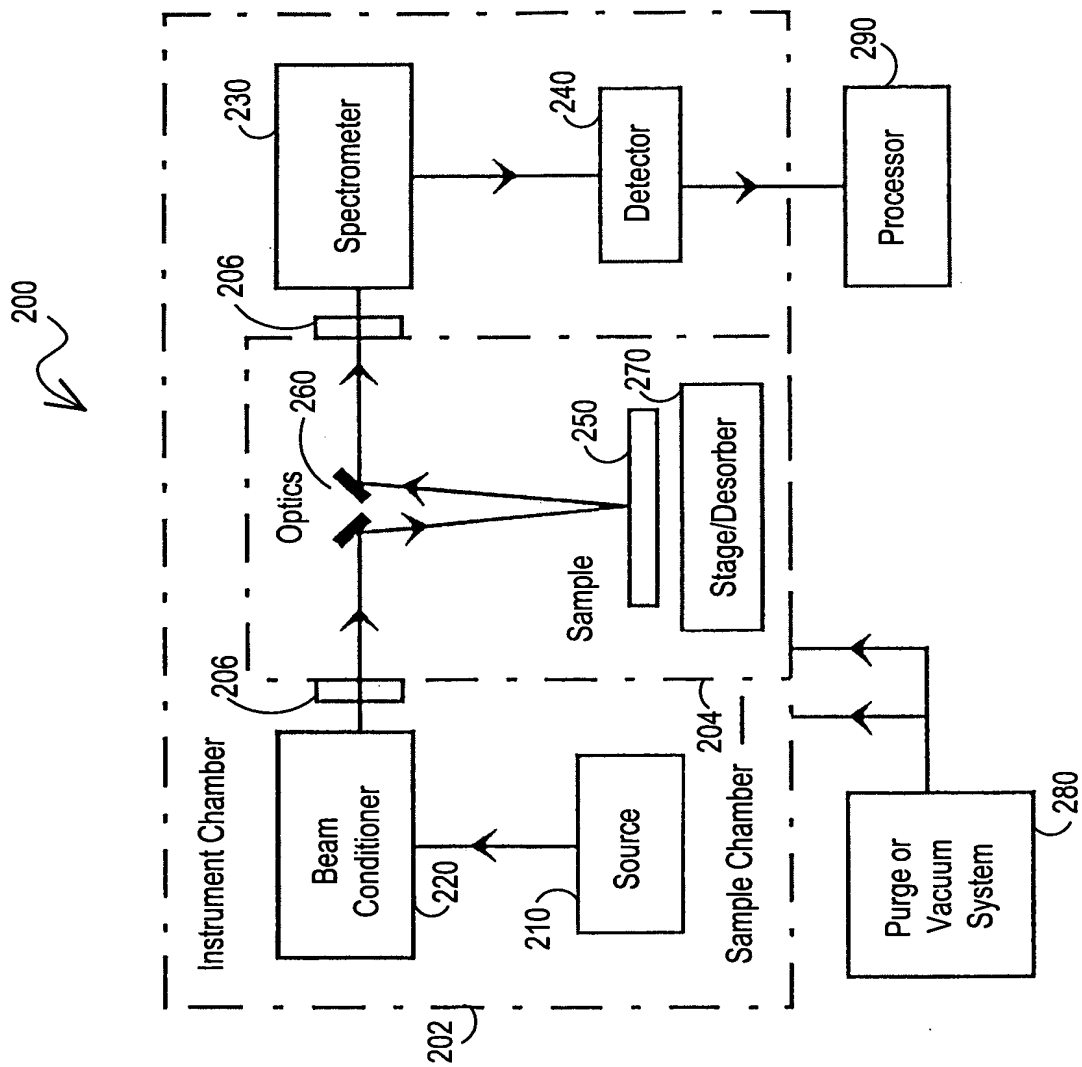
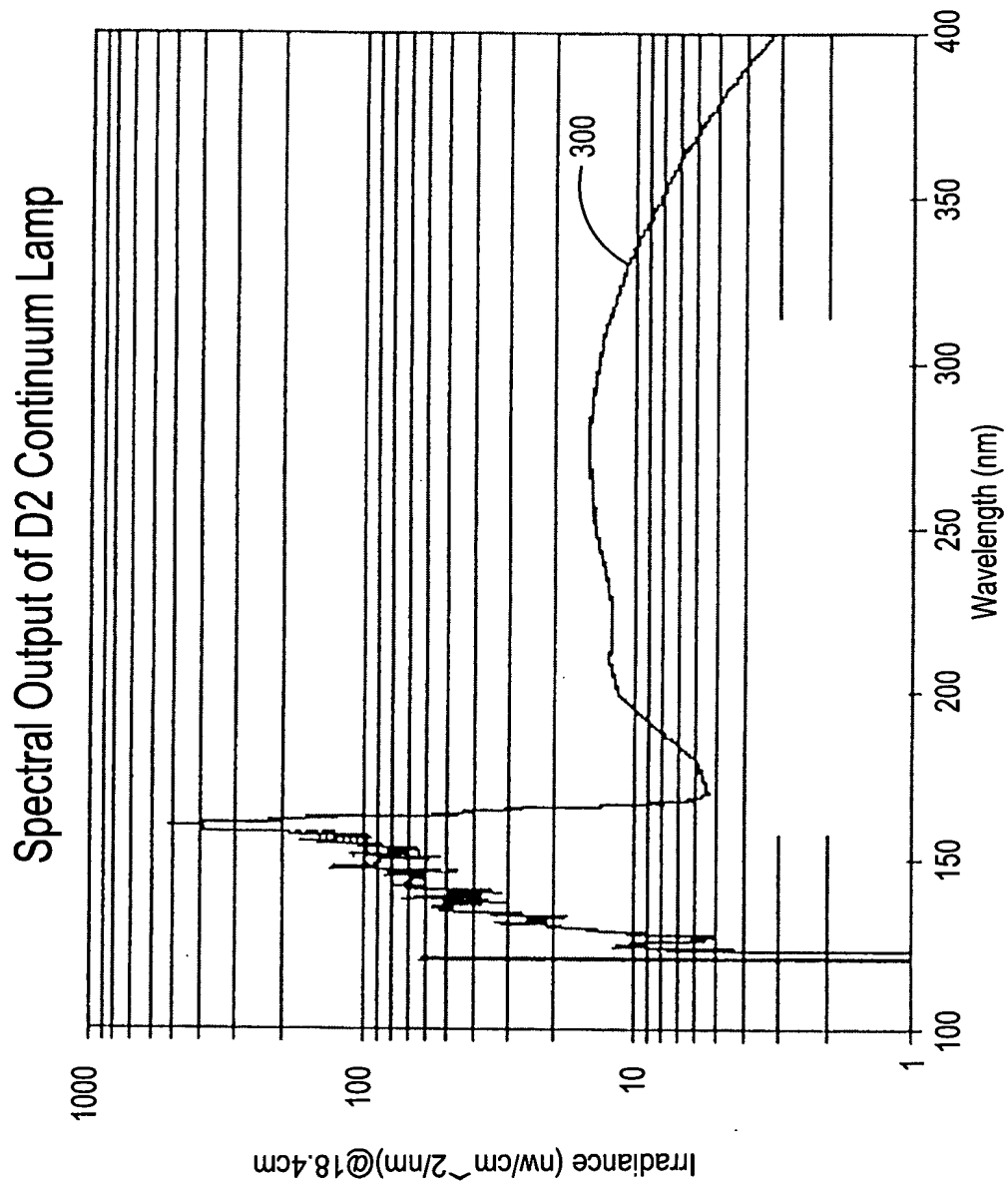


FIG. 2



NIST Calibration (1nm Bandpass)

FIG. 3

# Very Broadband Filters

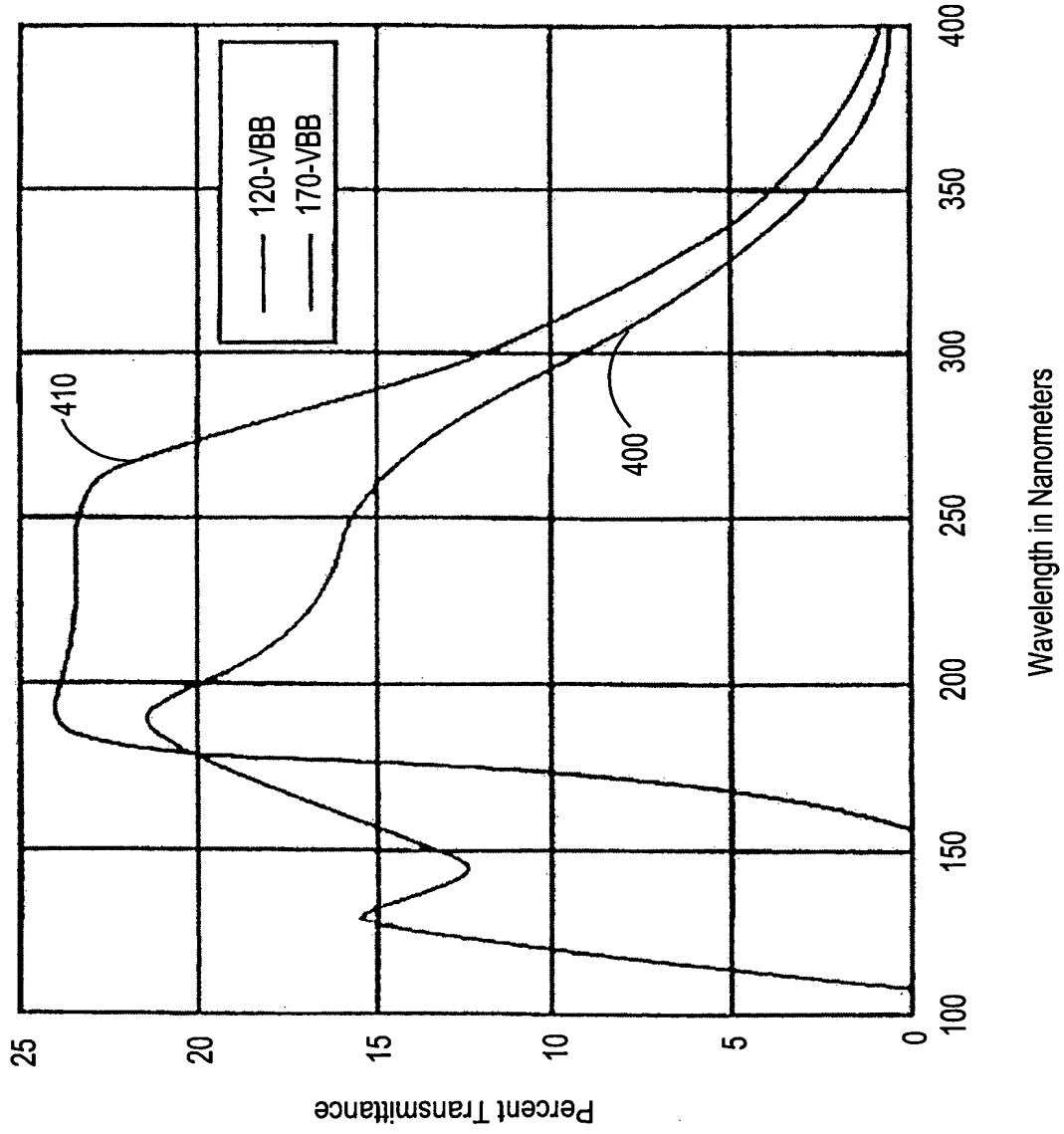


FIG. 4

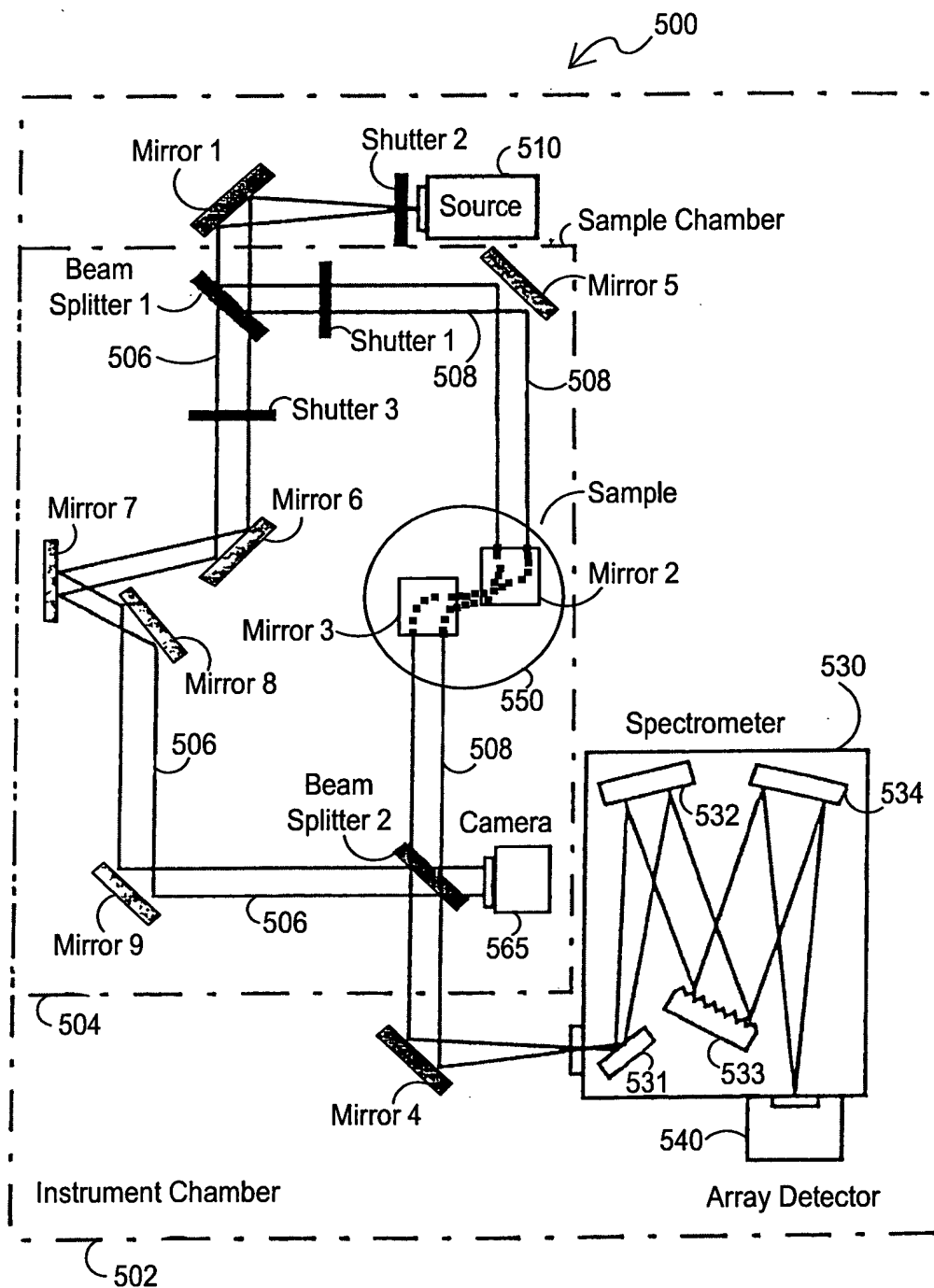


FIG. 5

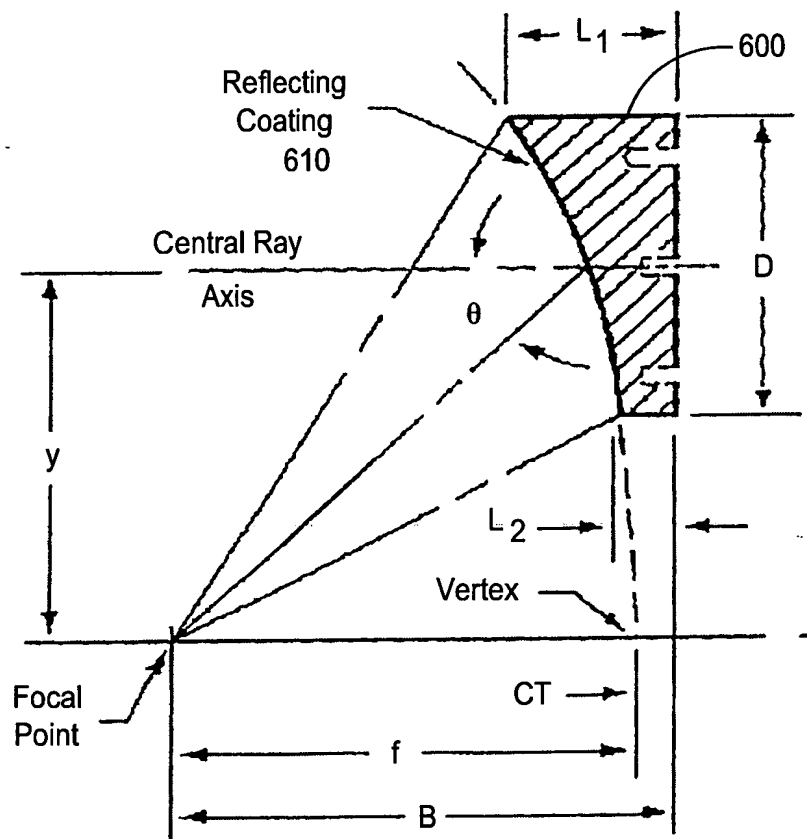


FIG. 6

# VUV-UV Broadband Al & MgF2 Coatings

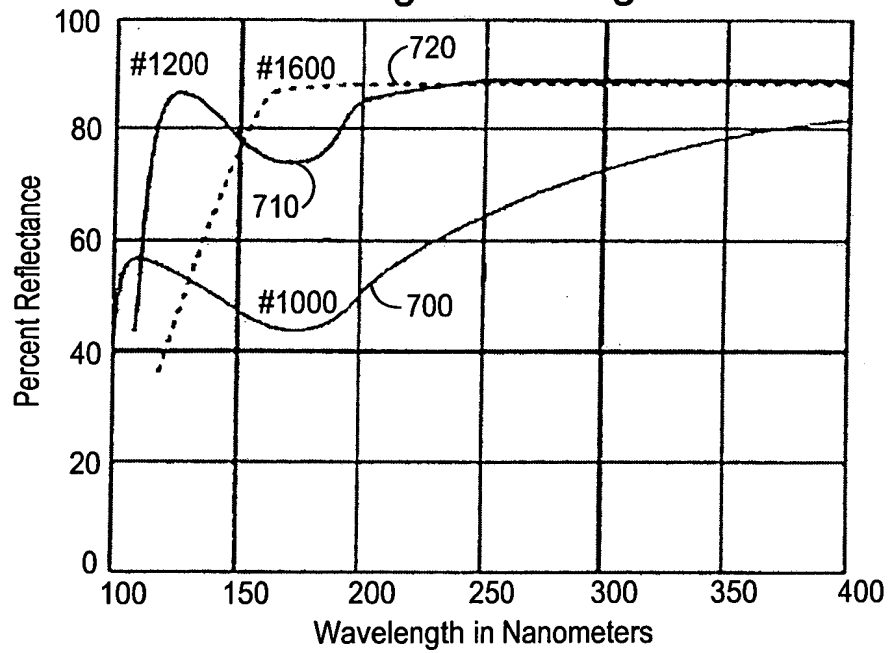


FIG. 7

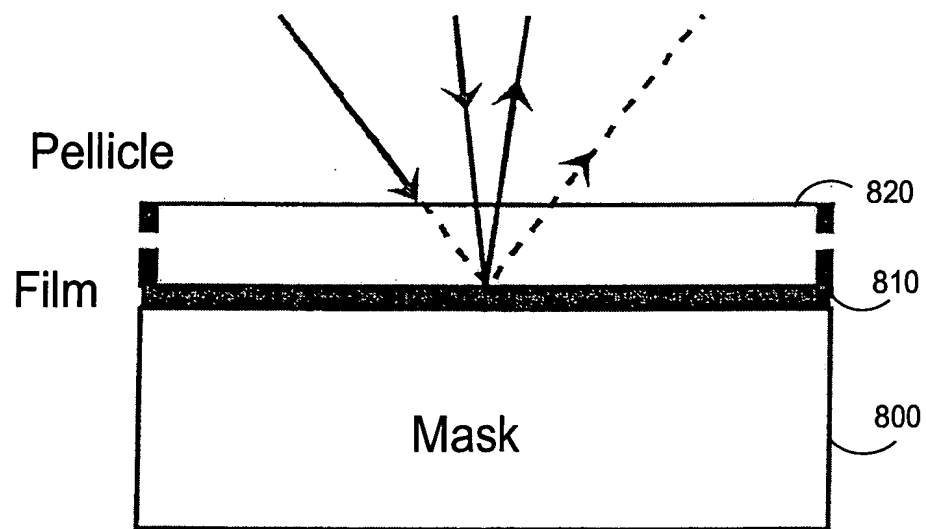


FIG. 8

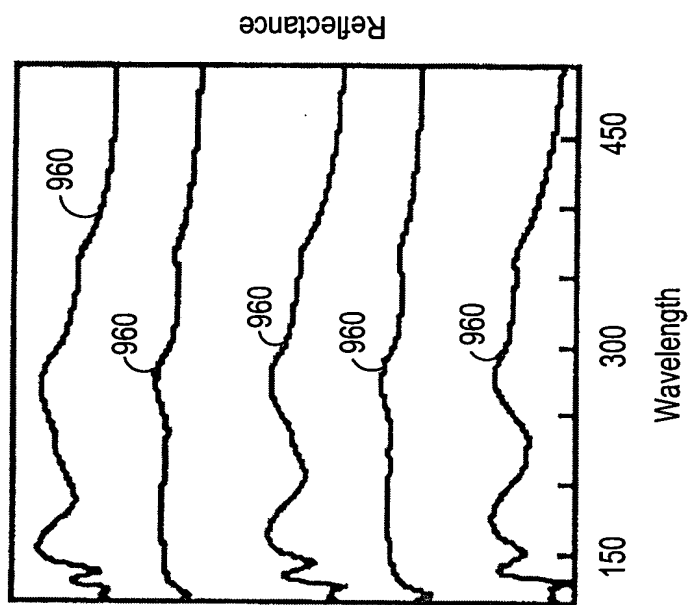


Fig. 9



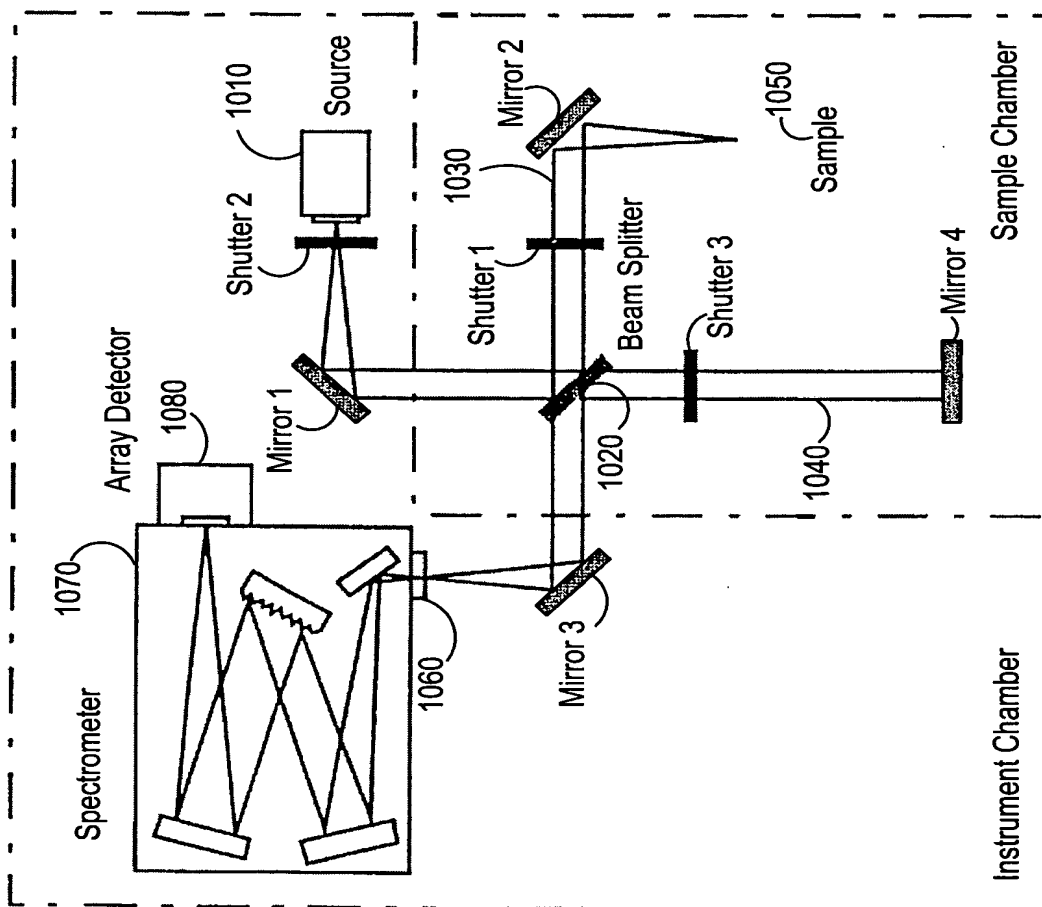


FIG. 10

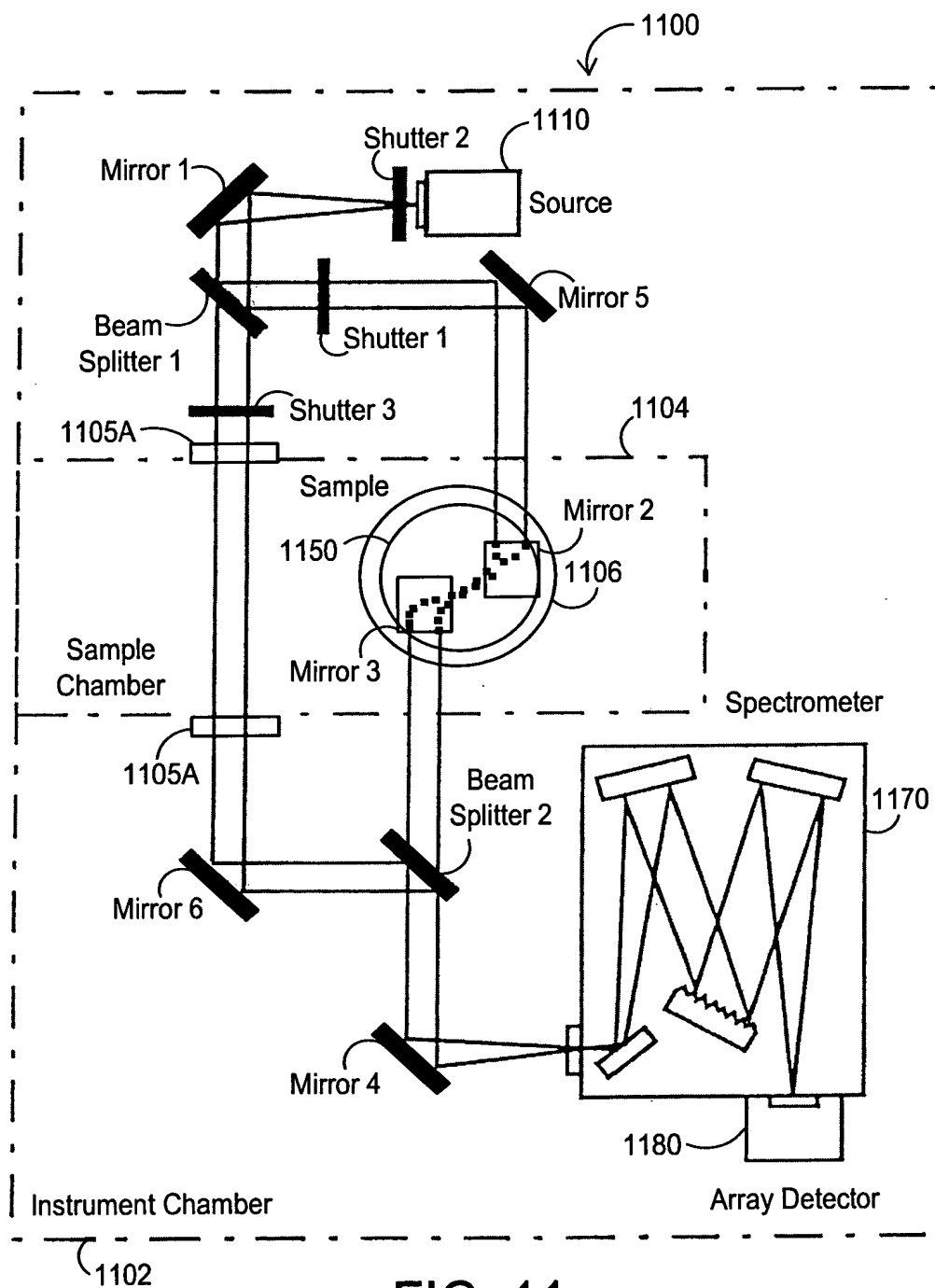


FIG. 11

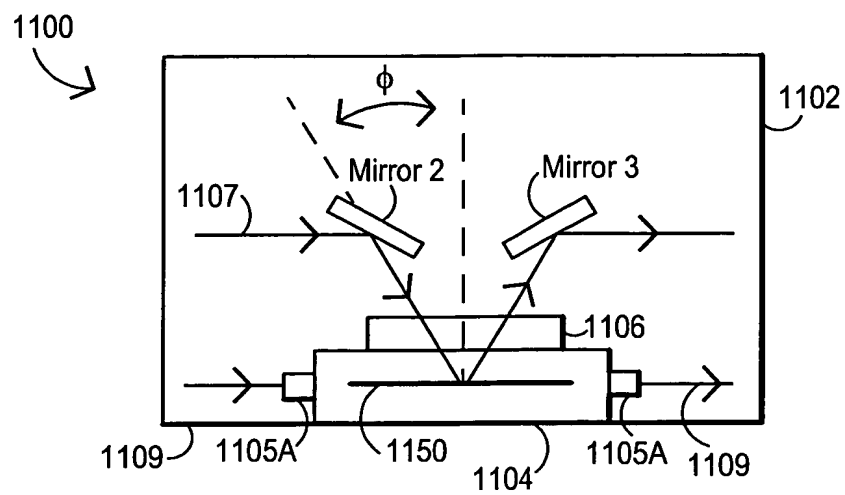


FIG. 11A

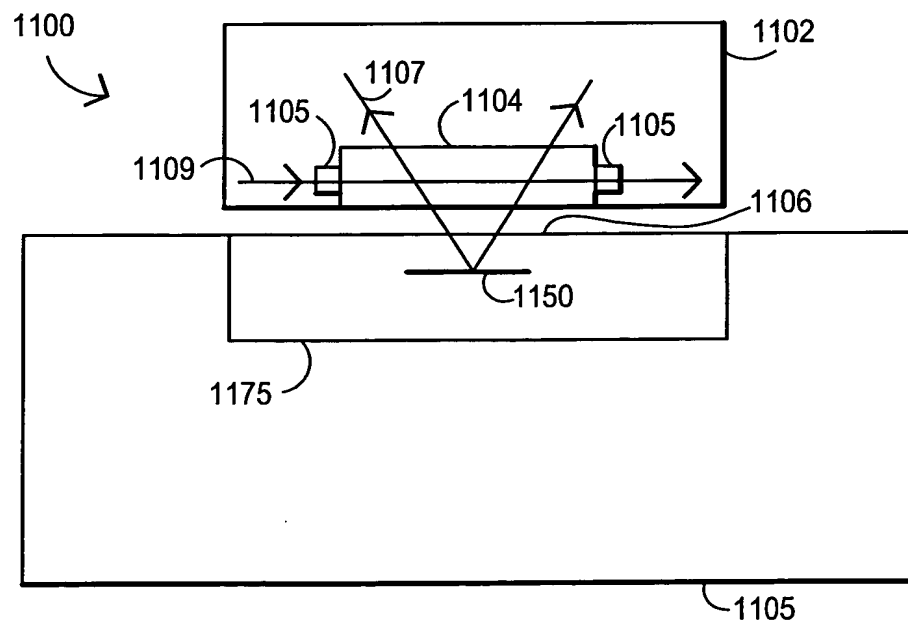


FIG. 11B

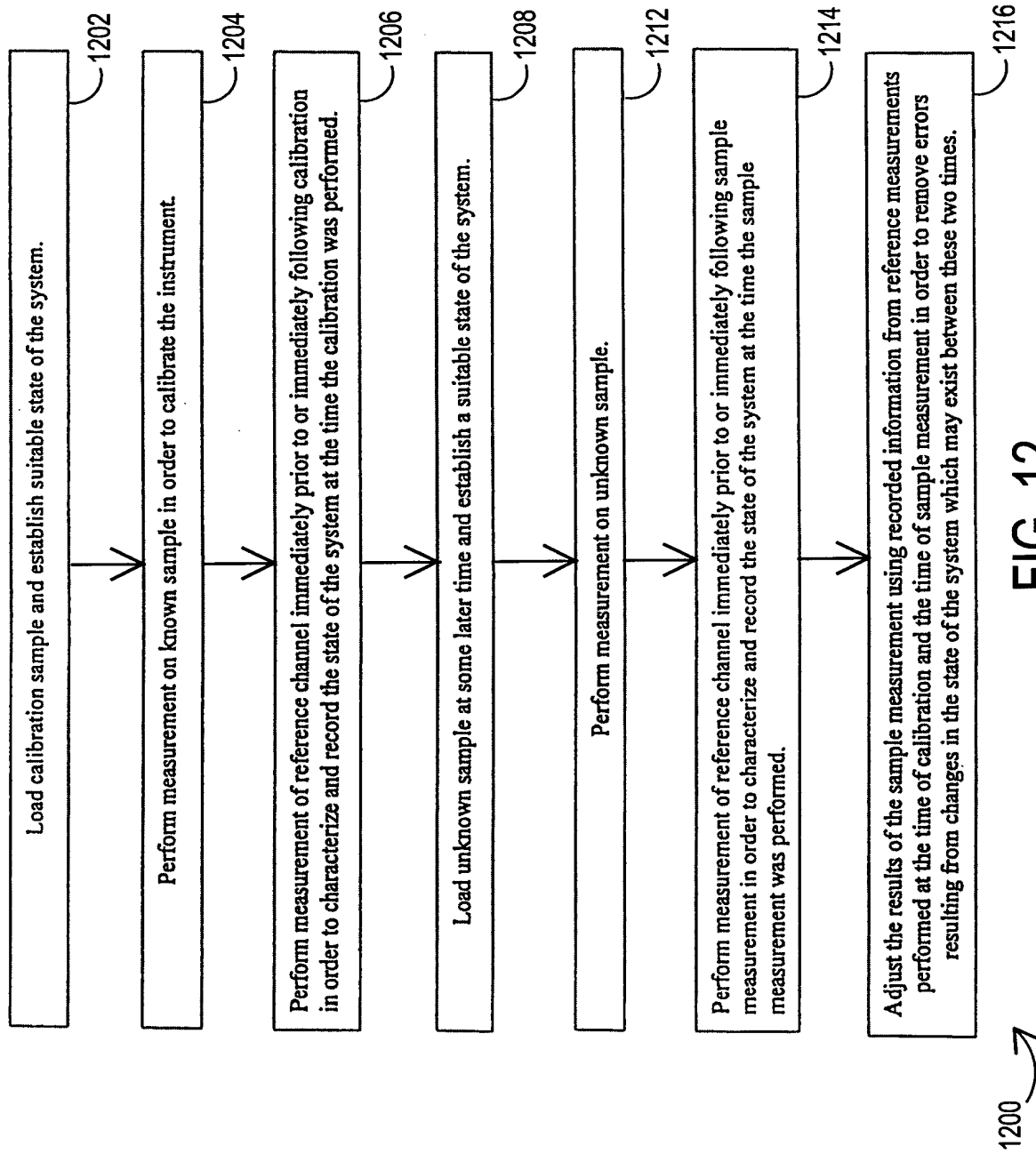


FIG. 12

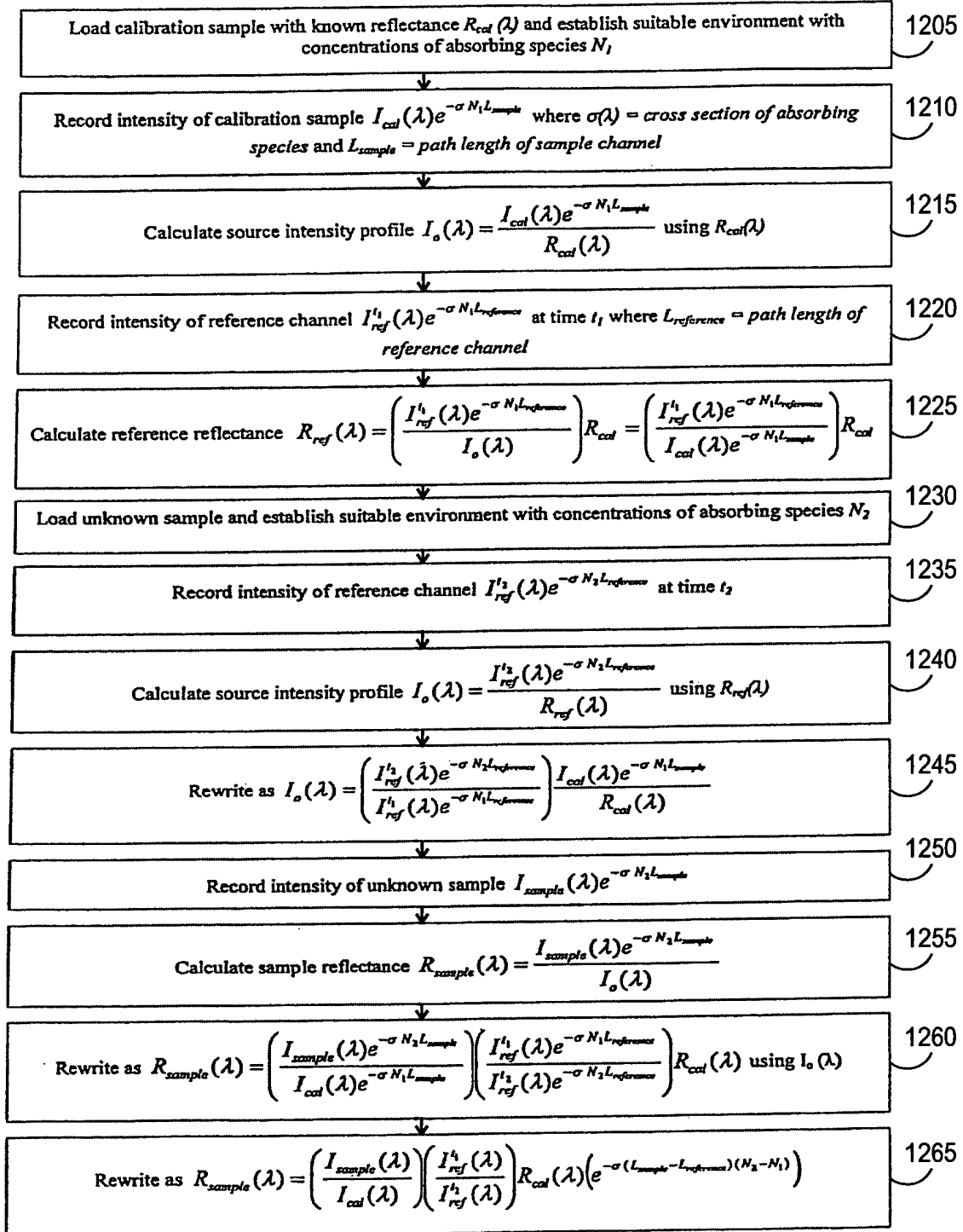


FIG. 12A

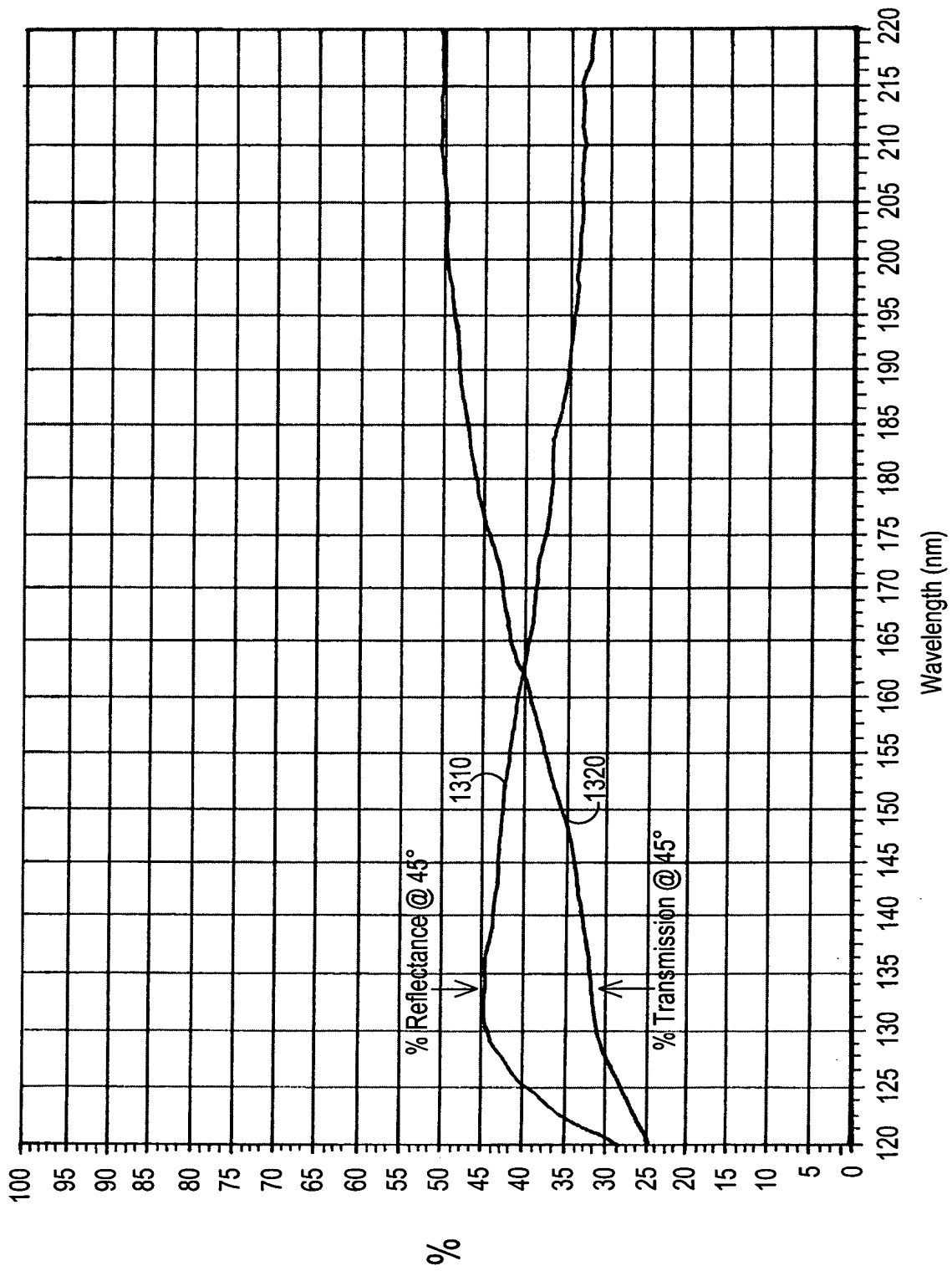


FIG. 13

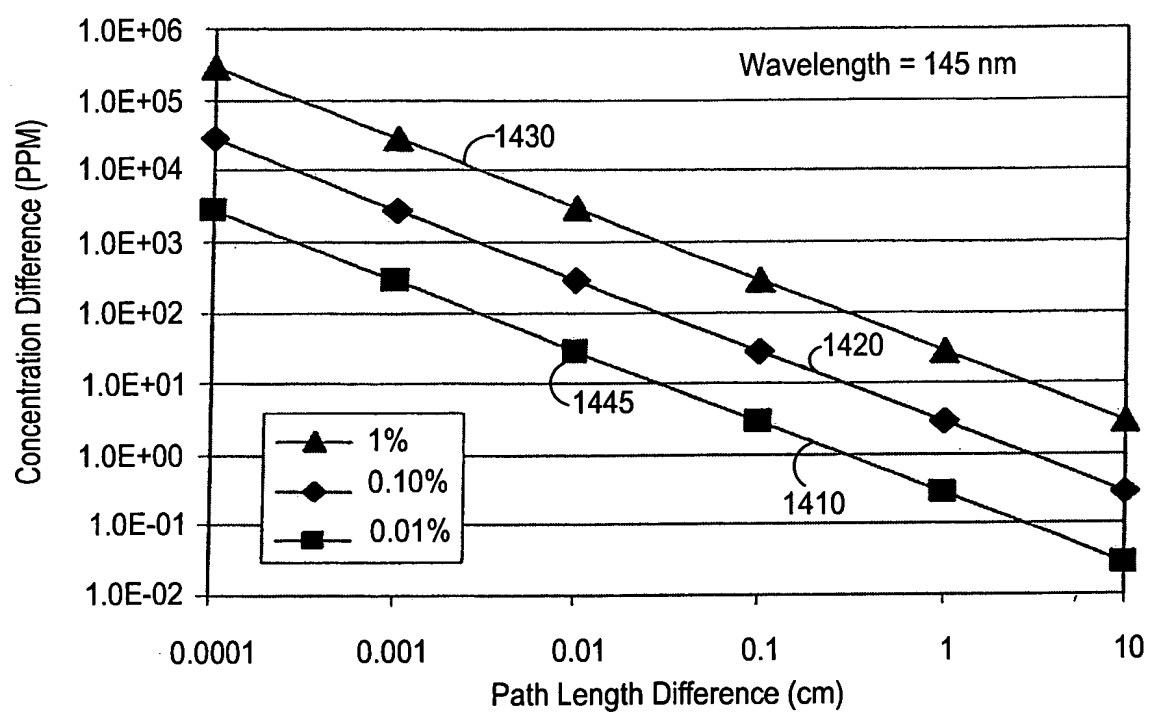


FIG. 14

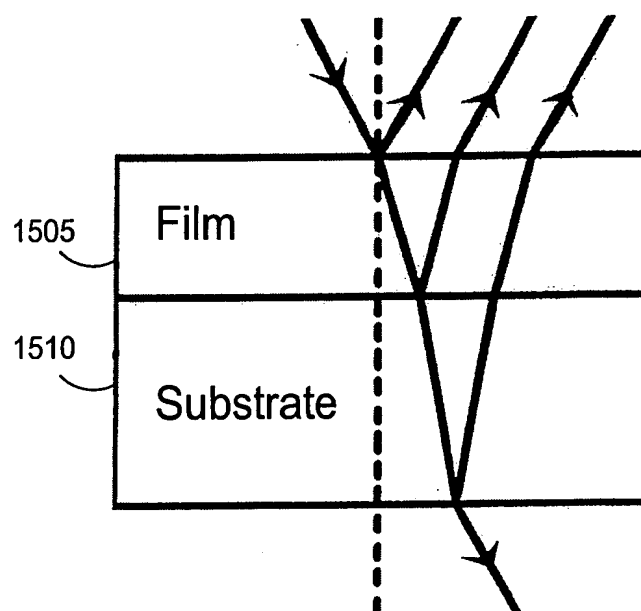


FIG. 15

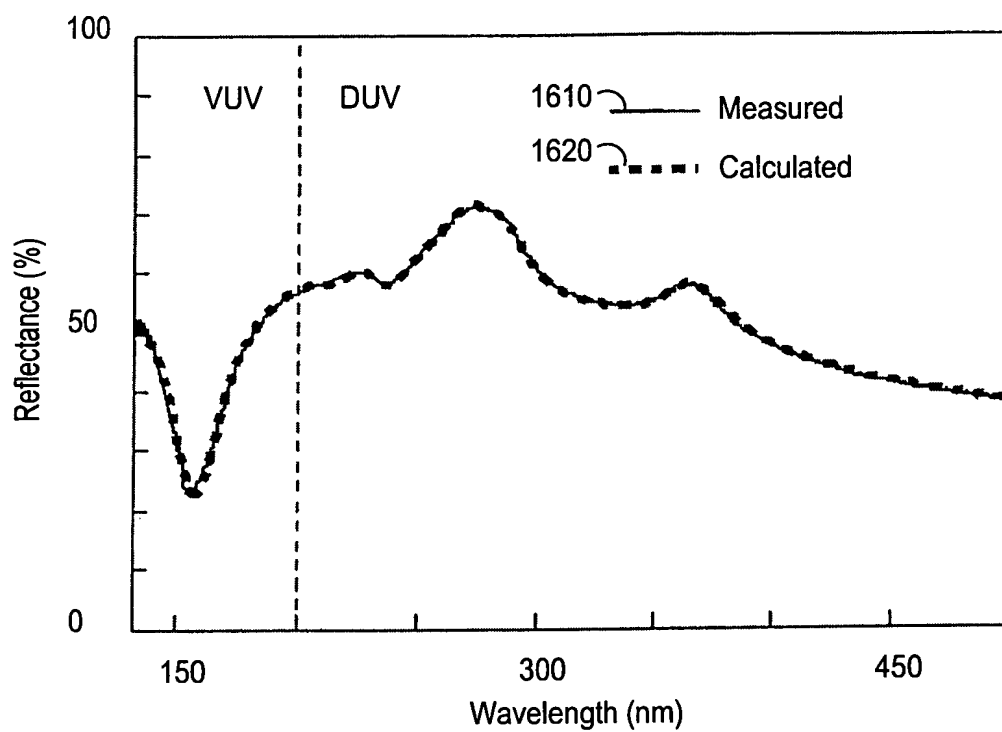


FIG. 16

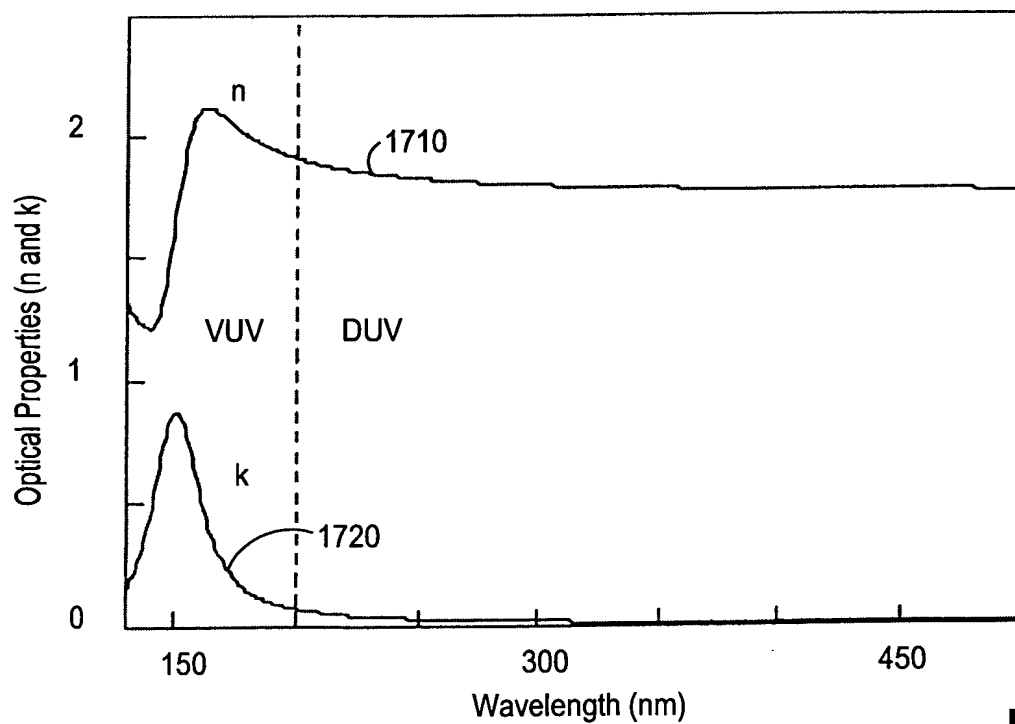


FIG. 17



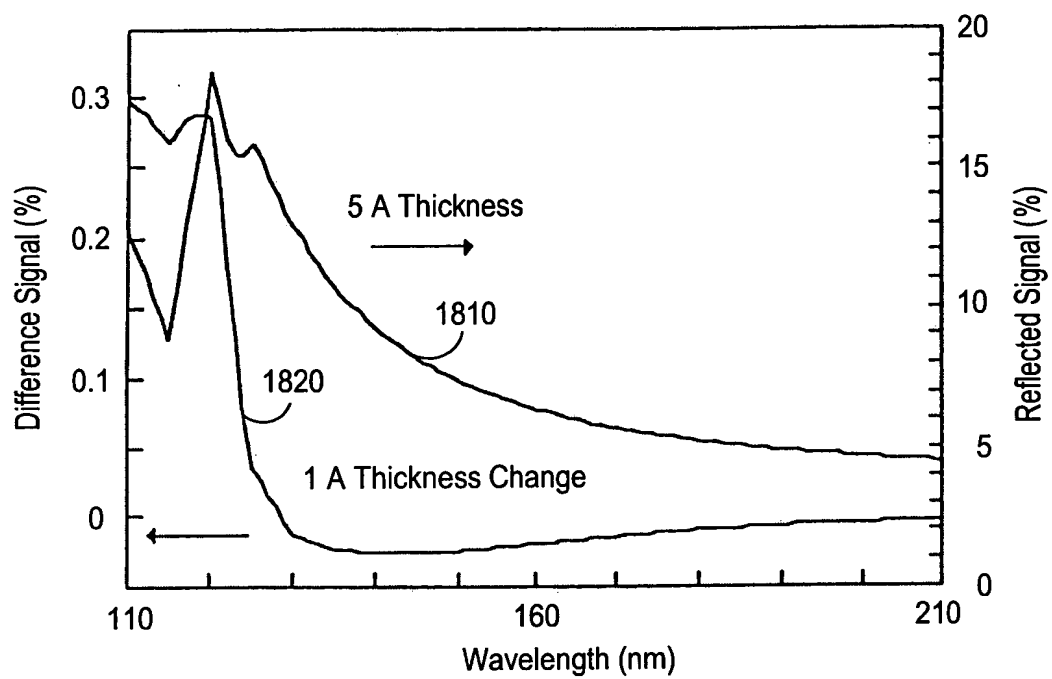


FIG. 18

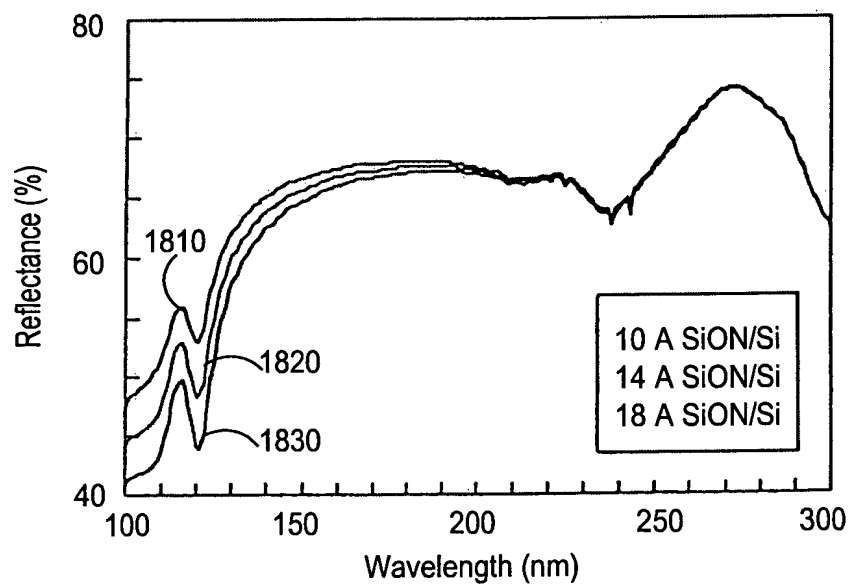


FIG. 19

## 13% N Layer Nitrided Oxide

Thickness Matrix (10-18 Å)

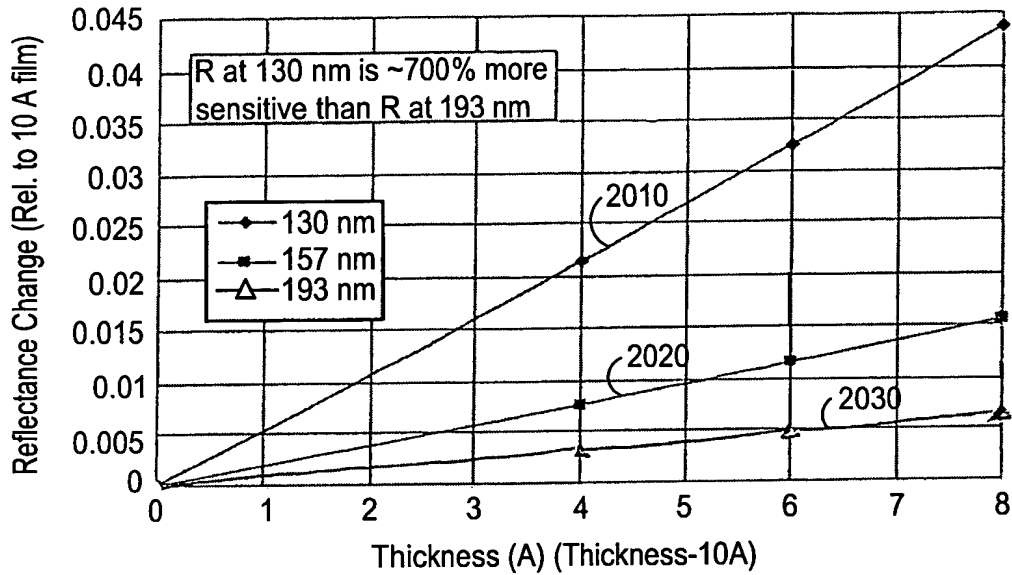


FIG. 20

## 16 Å Layer of Nitrided Oxide

Nitrogen Matrix (10-15%)

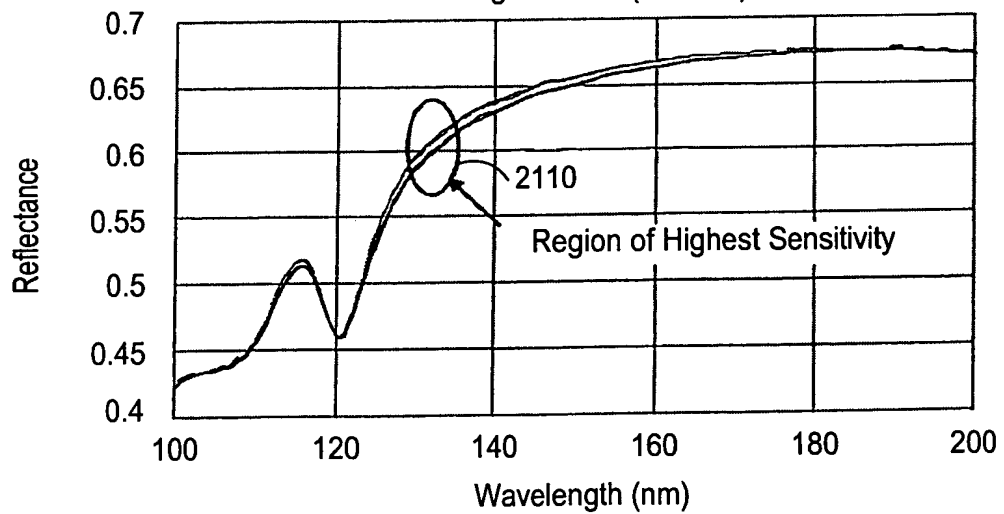


FIG. 21

## 16 Å Layer Nitrided Oxide

Nitrogen Matrix (10-15%)

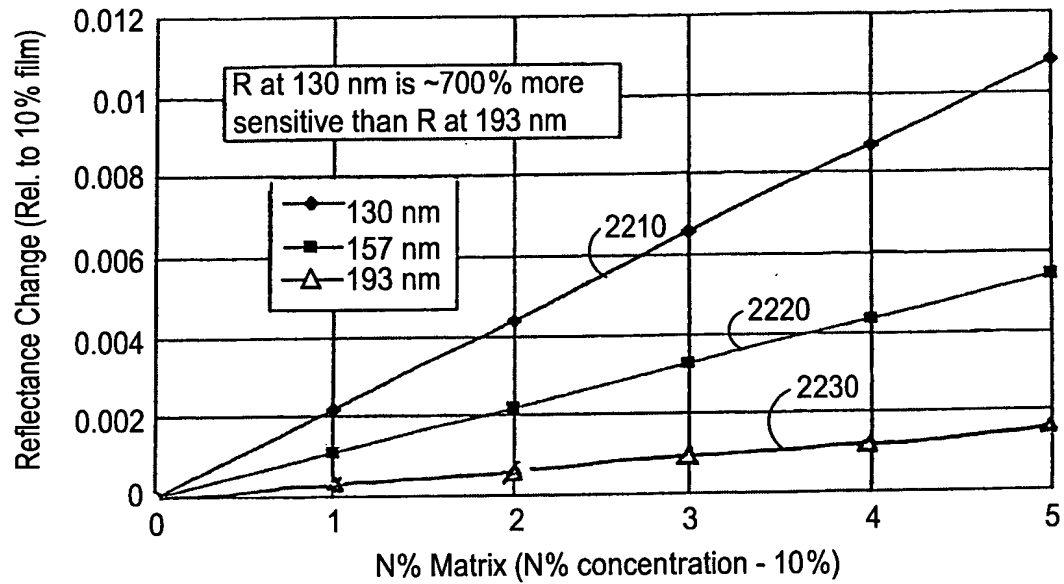


FIG. 22

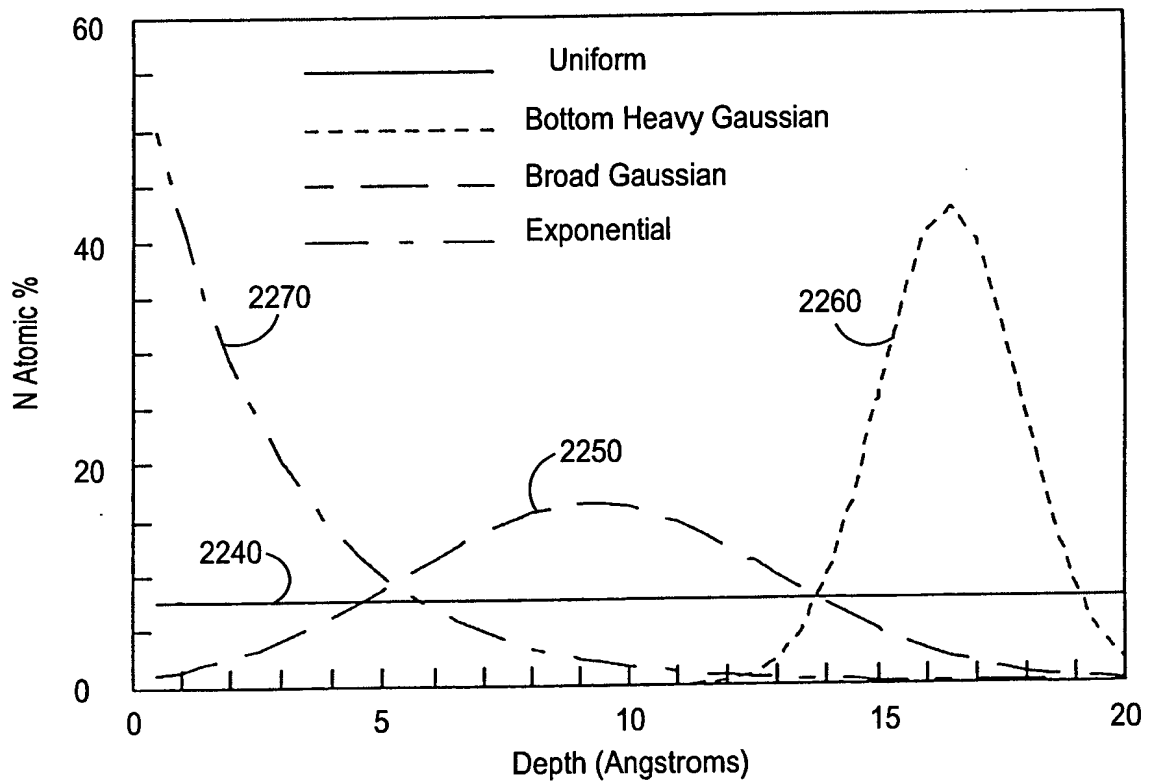


FIG. 22A

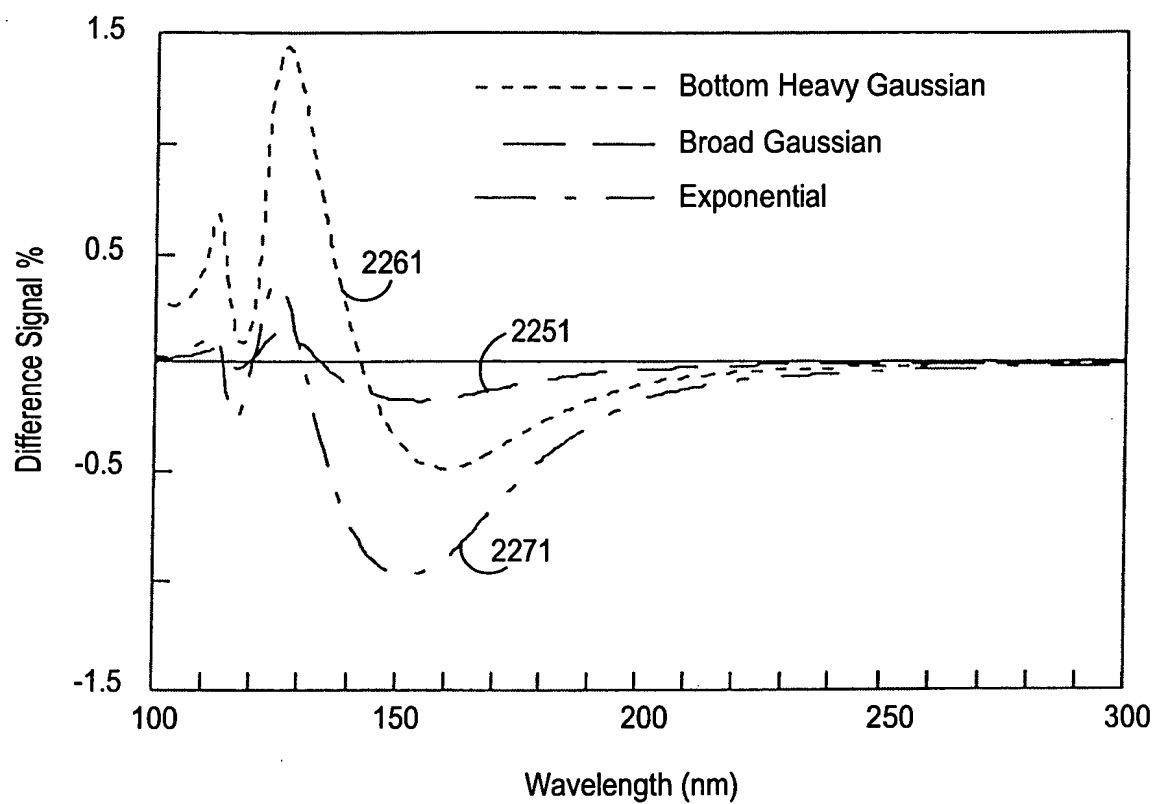


FIG. 22B

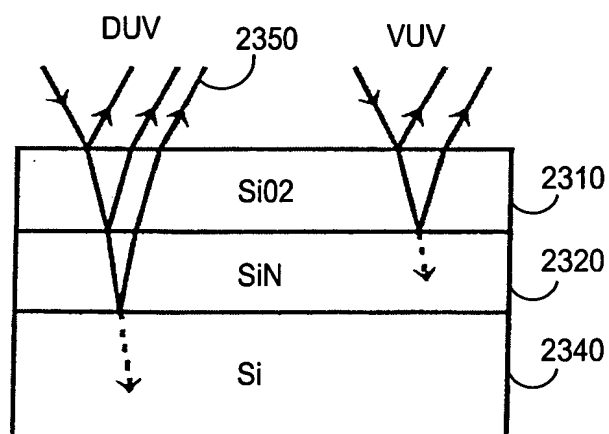


FIG. 23

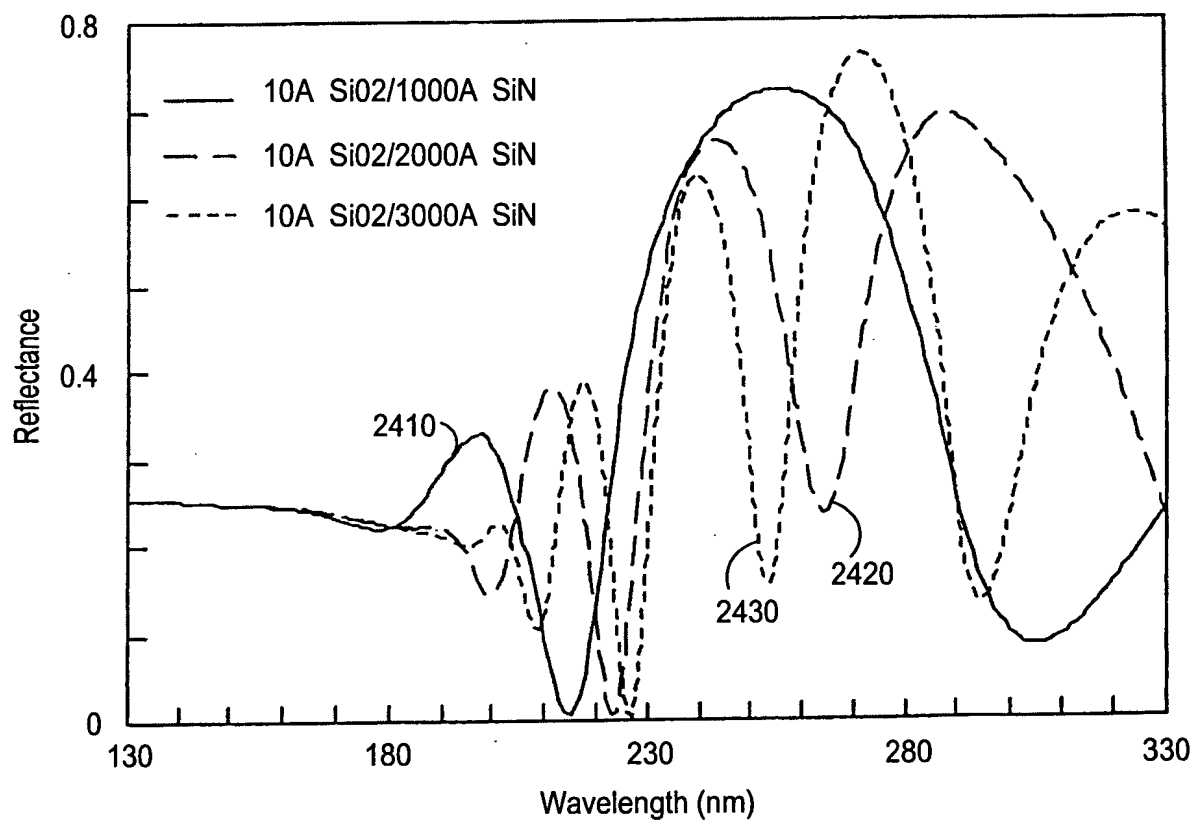


Fig. 24

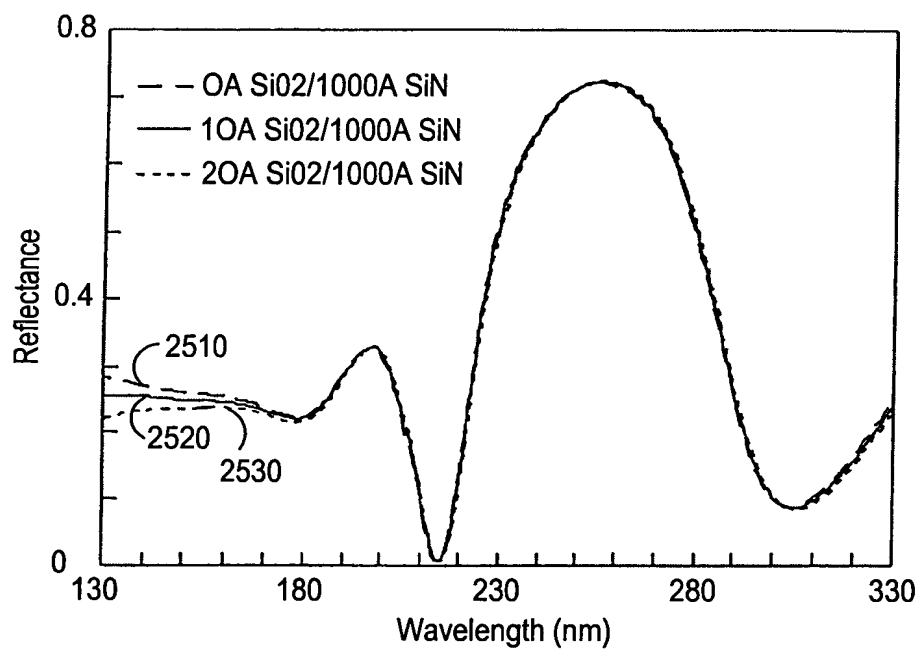


FIG. 25

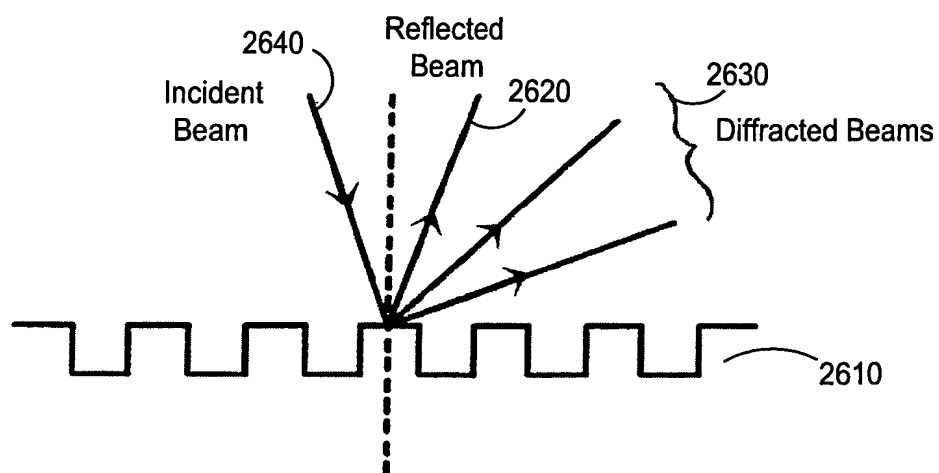


FIG. 26

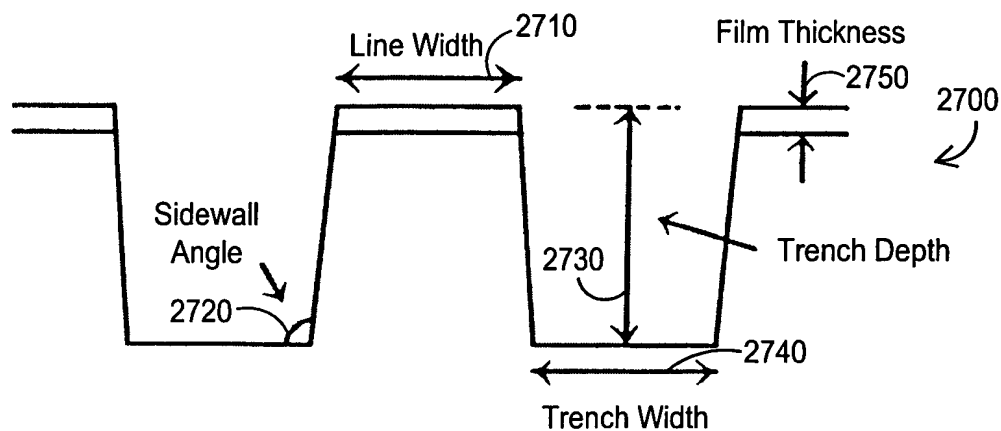


FIG. 27

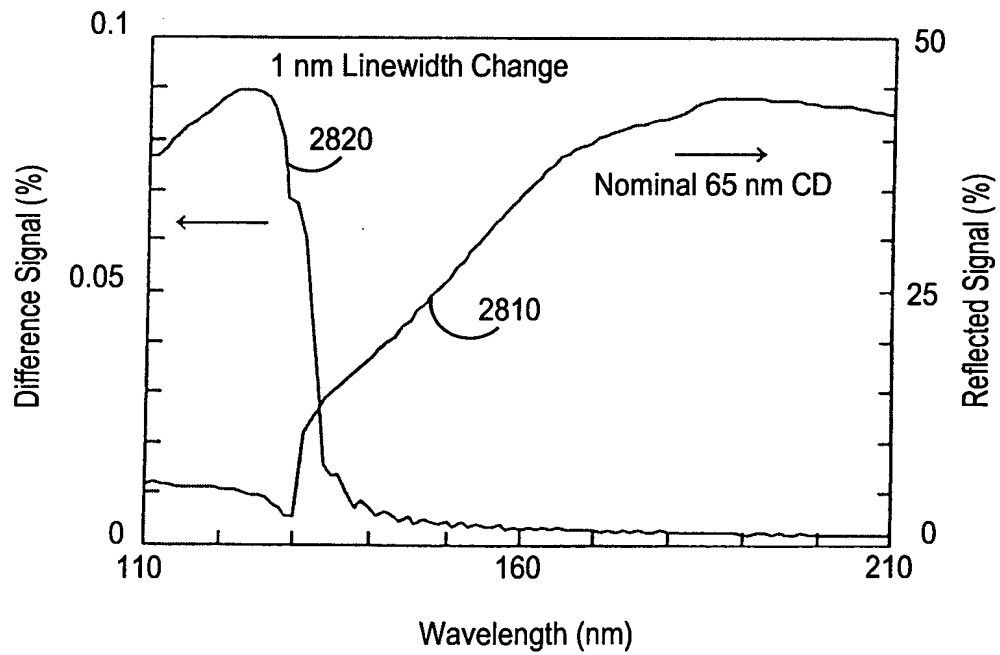


FIG. 28

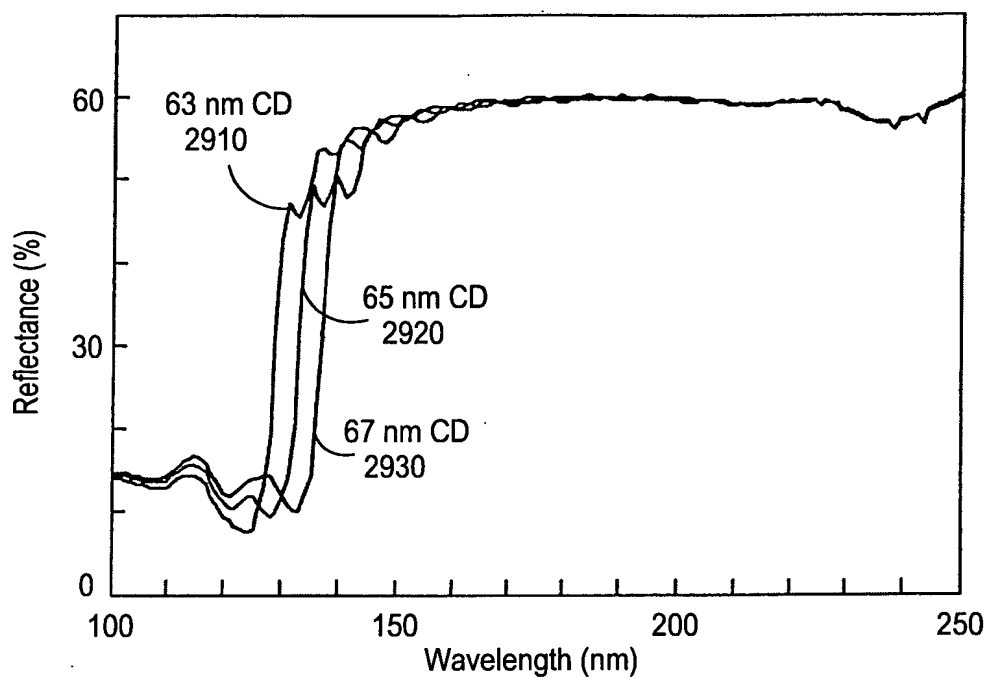


FIG. 29

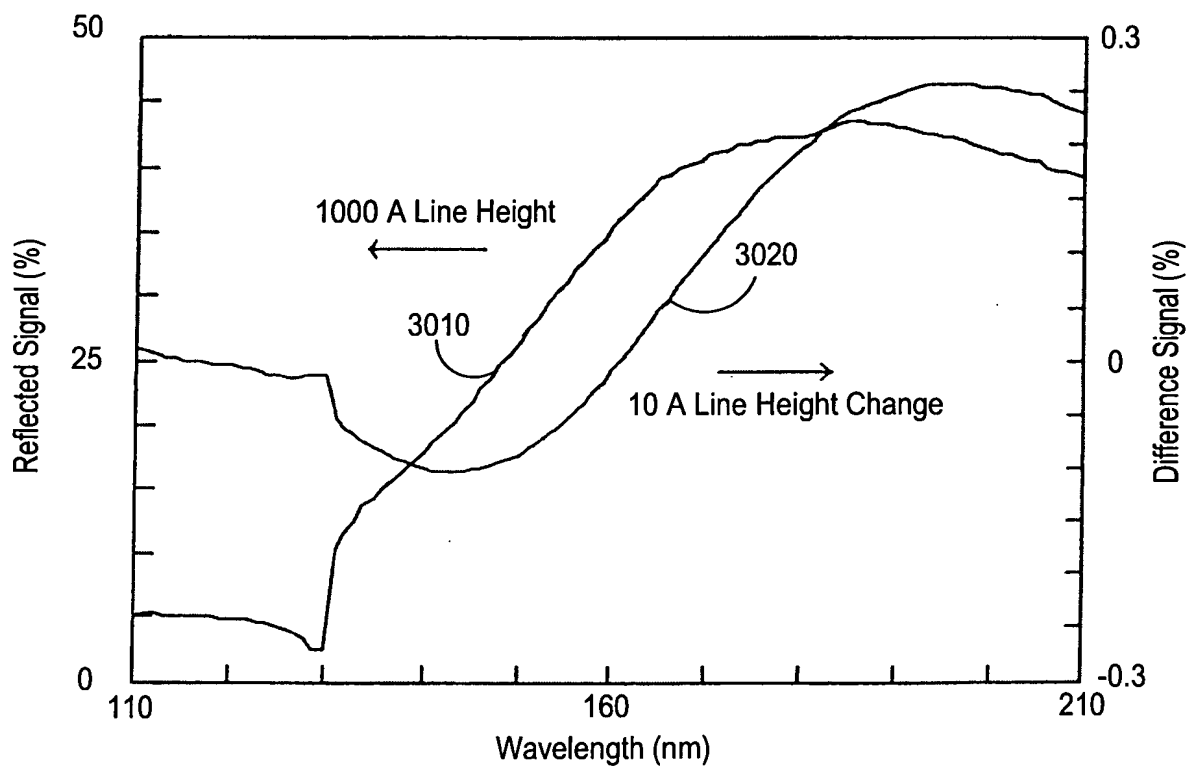


FIG. 30